

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s)

Fred Zustak, et al.

Filed

1/31/2001

Serial No.

09/774,458

Confirmation No.

3440

Group Art Unit

2614

Examiner Docket Number Beliveau

Ti+lo

SNY-P4143

Title

Subscriber Class Television Channel With Class Member Programming

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION UNDER RULE 1.131

I, as a named inventor of the above patent application, do hereby declare and state as follows:

- That I believe that I am a true inventor of the invention claimed in the above-referenced patent application;
- That prior to August 28, 2000, I along with my co-inventors listed below conceived of the invention described in the above patent application;
- That prior to August 28, 2000, this invention conception was promptly and diligently documented in an invention disclosure that was submitted to Sony Electronics Inc.'s Intellectual Property Department;
- That this invention disclosure is identified by the Intellectual Property Department as disclosure 50P4143;
- That the invention disclosure form that I and my co-inventors used to document this conception is attached as Exhibit A to the Declaration of Harold Fujii, Esq., which he executed on April 29, 2005;
- That the invention disclosure form was signed by me and my co-inventors and received by the Intellectual property department prior to August 28, 2000 as evidenced by the "Received" stamp of Carla Krueger;
- That to the best of my knowledge and belief, the application was processed by the Intellectual Property Department as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That to the best of my knowledge and belief, the circumstances surrounding the preparation and filing of the patent application on January 31, 2001 by Miller Patent Services, Inc. is as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That all of the dates removed from Exhibit A to the declaration of Harold Fujii, Esq. are prior to the August 28, 2000; and

• I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Signed: Real States By: Free J. Zustal	Dated: Spine 16, 2005
Signed: By: Matthew/S. Char/g	Dated: 161005
Signed: By: Aditya Krishnan	Dated:
Signed: By: Andrew M. Proehl	Dated:
Signed: By: David K. L. Yang	Dated:
Signed: My Stuntan By: Fefer Rae Shintani	Dated: June 16,05
Signed: Mark Kenneth Eyer	Dated: 6/23/05
Signed: Nicholas Colsey	Dated: 6/16/05
Signed: Rant L. Candelore	Dated: 6 6 5
Signed: Lugar han Stater	-Dated: <u>6 28/05</u>



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s) : Fred Zustak, et al.

 Filed
 :
 1/31/2001

 Serial No.
 :
 09/774,458

 Confirmation No.
 :
 3440

 Group Art Unit
 :
 2614

 Examiner
 :
 Beliveau

 Docket Number
 :
 SNY-P4143

Title : Subscriber Class Television Channel With Class Member Programming

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION UNDER RULE 1.131

I, as a named inventor of the above patent application, do hereby declare and state as follows:

- That I believe that I am a true inventor of the invention claimed in the above-referenced patent application;
- That prior to August 28, 2000, I along with my co-inventors listed below conceived of the invention described in the above patent application;
- That prior to August 28, 2000, this invention conception was promptly and diligently documented in an invention disclosure that was submitted to Sony Electronics Inc.'s Intellectual Property Department;
- That this invention disclosure is identified by the Intellectual Property Department as disclosure 50P4143;
- That the invention disclosure form that I and my co-inventors used to document this conception is attached as Exhibit A to the Declaration of Harold Fujii, Esq., which he executed on April 29, 2005;
- That the invention disclosure form was signed by me and my co-inventors and received by the Intellectual property department prior to August 28, 2000 as evidenced by the "Received" stamp of Carla Krueger;
- That to the best of my knowledge and belief, the application was processed by the Intellectual Property Department as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That to the best of my knowledge and belief, the circumstances surrounding the preparation and filing of the patent application on January 31, 2001 by Miller Patent Services, Inc. is as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That all of the dates removed from Exhibit A to the declaration of Harold Fujii, Esq. are prior to the August 28, 2000; and

• I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Signed: _		Dated:
Ву:	Fred J. Zustak	
Signed: _		Dated:
	Matthew S. Chang	
Signed: _		Dated:
By:		1 1
Signed(_	h M. Mh.	Dated: 6/15/2005
By:	Andrew M. Proehl	, ,
Signed: _		Dated:
By:	David K. L. Yang	
Signed: _	·	Dated:
By:	Peter Rae Shintani	
Signed: _		Dated:
	Mark Kenneth Eyer	
Signed: _		Dated:
	Nicholas Colsey	
Signed: _		Dated:
Ву:	Brant L. Candelore	
Signed: _		Dated:
Bv:	Davan Ivey Golden	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s) : Fred Zustak, et al.

 Filed
 :
 1/31/2001

 Serial No.
 :
 09/774,458

 Confirmation No.
 :
 3440

 Group Art Unit
 :
 2614

 Examiner
 :
 Beliveau

 Docket Number
 :
 SNY-P4143

Title : Subscriber Class Television Channel With Class Member Programming

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION UNDER RULE 1.131

I, as a named inventor of the above patent application, do hereby declare and state as follows:

- That I believe that I am a true inventor of the invention claimed in the above-referenced patent application;
 - That prior to August 28, 2000, I along with my co-inventors listed below conceived of the invention described in the above patent application;
- That prior to August 28, 2000, this invention conception was promptly and diligently documented in an invention disclosure that was submitted to Sony Electronics Inc.'s Intellectual Property Department;
- That this invention disclosure is identified by the Intellectual Property Department as disclosure 50P4143;
- That the invention disclosure form that I and my co-inventors used to document this conception is attached as Exhibit A to the Declaration of Harold Fujii, Esq., which he executed on April 29, 2005;
- That the invention disclosure form was signed by me and my co-inventors and received by the Intellectual property department prior to August 28, 2000 as evidenced by the "Received" stamp of Carla Krueger;
- That to the best of my knowledge and belief, the application was processed by the Intellectual Property Department as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That to the best of my knowledge and belief, the circumstances surrounding the preparation and filing of the patent application on January 31, 2001 by Miller Patent Services, Inc. is as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That all of the dates removed from Exhibit A to the declaration of Harold Fujii, Esq. are prior to the August 28, 2000; and

• I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Signed:		Dated:
	Fred J. Zustak	
Signed:		Dated:
By:	Matthew S. Chang	
Signed: _	Aditya Krishnan	Dated: 6/20/05
By:	Aditya Krishnan	•
Signed:		Dated:
By:	Andrew M. Proehl	
Signed:		Dated:
By:	David K. L. Yang	-
Signed:		Dated:
By:	Peter Rae Shintani	
Signed: _		Dated:
By:	Mark Kenneth Eyer	
Signed:		Dated:
	Nicholas Colsey	
Signed:		Dated:
	Brant L. Candelore	
Signed:	*****	Dated:
Rv.	Davan Ivey Golden	





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s) : Zustak, et al. Filed : 1/31/2001 Serial No. : 09/774,458

Confirmation No. : 3440
Group Art Unit : 2614
Examiner : Beliveau
Docket Number : SNY-P4143

Title : Subscriber Class Television Channel With...

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING / FAX TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

[X] deposited with the U.S. Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

[] transmitted by facsimile to the U.S. Patent and Trademark Office.

Applicant, Assignee or Reg. Representative: Jerry A. Miller, Reg. No. 30,779

Signature: WWW ///

Date: 1/14/200

<u>PETITION TO ACCEPT RULE 131 DECLARATION BY ASSIGNEE</u>
ON BEHALF OF INVENTOR THAT CANNOT BE REACHED – 37 CFR 1.47

Sir:

Applicants hereby petition to accept the declaration of Harold Fujii, Esq. on behalf of inventor David Yang, who after diligent efforts could not be reached to execute a Rule 131 declaration. It is believed that 37 CFR 1.47 is applicable. The Declaration of Harold Fujii, Esq. was executed by Mr. Fujii on April 29, 2005 and previously submitted to the U.S. Patent Office on May 5, 2005. A copy of Mr. Fujii's declaration, along with Exhibits A and B thereof, is attached hereto as Exhibit 1. The facts associated with this Petition are as follows:

S/N 09/774,458

Each of the remaining inventors has executed a Rule 131 declaration, the original of which is submitted with the accompanying Office Action Response. A copy of the executed Rule 131 declarations of the coinventors is attached hereto as Exhibit 2.

To the best of my knowledge and belief, Mr. Yang no longer works for the Assignees of the present application and left no contact information which is currently valid. I asked that the Assignee's Intellectual Property Department (IPD) inquire as to the most recent address for contacting Mr. Yang. Ms. Debrah Gee of IPD contacted the corporate Human Resources Department for the information. The inquiry and response received is provided herewith as Exhibit 3. The street address provided was the same address that was obtained independently by Ms. Carrie Merzbacher of IPD. To the best of my knowledge and belief, Exhibit 3 contains the last address of Mr. Yang known to the Assignees. The only other address known by the undersigned is the San Jose, CA address appearing on the originally executed declaration and power of attorney of record.

On June 27, 2005, I conducted an online search using Yahoo! people search for David Yang in San Diego. The results of that search are shown in Exhibit 4. I called the telephone number and reached an answering machine. I left a message indicating that I was trying to contact the David Yang that used to work for the Assignees. I asked that the recipient return the call collect if he was the particular David Yang I was looking for. No returned call or other contact was ever received.

On June 28, 2005 I mailed a copy of the enclosed Rule 131 declaration to Mr. Yang at the Stony Peak Drive, San Diego, CA address listed in Exhibit 3 as well as the prior known address of Mr. Yang at Redwood Lake Court in San Jose, CA. Each of these documents were accompanied by a letter asking Mr. Yang to review the enclosed declaration of Mr. Fujii, to review the Rule 131 declaration, sign the Rule 131 declaration and return it in a self addressed and stamped envelope provided for that purpose. Both of these letters were sent via Express Mail with a return receipt requested and signature required for delivery.

On June 29, 2005 I received a telephone call from Ms. Danielle Brandt who works at the apartment complex where the Stony Peak Drive address is located. Ms. Brandt told me that a mailman was attempting to deliver my letter and that Mr. Yang does not live at that address. Ms. Brandt further stated that her records indicated that Mr. Yang has never lived in that apartment complex. I then spoke with the mailman, a Mr. Magee, who stated that he would return the envelope to me.

Both of the letters and accompanying declarations sent on June 28, 2005 were returned unopened and undelivered to Mr. Yang, with the return receipt in place on the envelope. Exhibits 5 and 6 are copies of the returned and unopened envelopes. These envelopes are available for inspection upon request, in connection with this petition.

On July 1, 2005, I mailed another copy of the enclosed Rule 131 declaration to Mr. Yang at the Post Office Box address referenced in Exhibit 3. This document was also accompanied by a letter asking Mr. Yang to review the enclosed declaration of Mr. Fujii and to review the Rule 131 declaration, sign the Rule 131 declaration and return it in a self addressed and stamped envelope provided for that purpose. This letter was also sent via Express Mail with a return receipt requested and signature required for delivery.

This letter and accompanying declarations sent on July 1, 2005 was also returned unopened and undelivered to Mr. Yang, with the return receipt in place on the envelope. Exhibit 7 is a copy of the returned and unopened envelope, which is also available for inspection upon request, in connection with this petition.

It is submitted that the undersigned has diligently attempted to locate Mr. Yang without success and it is requested that this petition be granted and the declaration of Mr. Harold Fujii, Esq. be accepted on behalf of the Assignees in place of Mr. Yang's declaration. The Assignees of record are assignees of full interest in the present application and clearly have a proprietary interest in securing a patent for the invention of the present application. Granting of this petition will enable Applicants to readily overcome one or more cited references without need to amend the claims or need to present arguments which might later be used to interpret the scope of any patent

granted on the present application. Accordingly, it is submitted that granting of this petition is appropriate. This petition is believed to fully comply with the requirements of 37 CFR 1.47, which is believed to be the applicable rule, even though 37 CFR 1.47 is worded in terms more appropriate to the signing of patent application's initial declaration.

Should any additional information be required, the undersigned can be contacted at the contact information below.

The fee for this petition is enclosed via a credit card payment form which authorizes payment of \$200 per 37 CFR 1.17(g) as specified by 37 CFR 1.47, but if the fee submitted is incorrect, the Director is requested to charge any underpayment or credit any overpayment to deposit account 501267.

Respectfully submitted,

Jerry A. Miller

Registration No. 30,779

Dated:

Please Send Correspondence to: Jerry A. Miller Miller Patent Services 2500 Dockery Lane Raleigh, NC 27606 Phone: (919) 816-9981

Fax: (919) 816-9982

Customer Number 24337

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s)

Zustak, et al.

Filed

1/31/2001

Serial No.

09/774,458

Confirmation No.

3440

Group Art Unit

2614

Examiner

Beliveau

Docket Number

SNY-P4143

Title

Subscriber Class Television Channel With...

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION OF HAROLD FUJII

- I, Harold Fujii, do hereby declare and state as follows:
 - That I am authorized to sign this document by both Sony Corporation and Sony Electronics Inc., the assignees of record of this application;
 - That I am Vice President and Chief Intellectual Property Counsel for the
 Intellectual Property Department serving Sony Electronics Inc. (IPD), and was
 employed by Sony Electronics Inc. in a management capacity as well as the
 capacity of Patent Attorney prior to August 28, 2000 the apparent effective filing
 date of the Novak reference cited in the present application (based upon the
 provisional filing date);
 - That prior to August 28, 2000, the inventors of the present application submitted an invention disclosure form describing the present invention to IPD;
 - That this invention disclosure is identified by IPD as disclosure 50P4143;
 - That the invention disclosure form is attached as Exhibit A hereto;
 - That the attached invention disclosure form was signed by the inventors and received by IPD prior to August 28, 2000 as evidenced by the "Received" stamp

of Carla Krueger;

- That at the time, Carla Krueger served as a paralegal in IPD, and she was, in part, responsible for logging in new invention disclosures;
- That prior to August 28, 2000, the IPD patent committee diligently reviewed this
 invention disclosure in their normal course of business and sent the invention
 disclosure along with seventeen others to Miller Patent Services, Inc. for
 preparation of patent applications;
- That this invention disclosure was received by Miller Patent Services, Inc.
 simultaneously with eighteen other invention disclosures as evidenced by the letter to Carla Krueger from Catherine Miller, a manager at Miller Patent Services, Inc. labeled Exhibit B;
- That Exhibit B indicates that Miller Patent Services, Inc. references this invention disclosure by docket number SNY-P4143;
- That all eighteen of the invention disclosures listed on Exhibit B were generated at approximately the same time;
- That Miller Patent Services, Inc. is a solo practice firm operated by Jerry A.
 Miller, of record;
- That Mr. Miller has informed me that he traveled to San Diego and met with some of the inventors named on this application on September 27, 2000 and on November 13, 2000, in order to facilitate preparation and filing of this application as well as others of the eighteen listed on Exhibit B;
- That IPD indicated no priority in filing any of these patent applications over any of the others;
- That certain of these eighteen invention disclosures were related to each other, which in part dictated the order of preparation of the applications;
- That Miller Patent Services, Inc. was clearly diligent in preparation and filing the present patent application on January 31, 2001;
- That Miller Patent Services, Inc.'s diligence is evidenced by the fact that patent applications were prepared and filed for ten of the other eighteen invention

disclosures listed on Exhibit B before the filing date of the present application;

- That the present application was the eleventh of the eighteen disclosures which was filed:
- That all but two of the eighteen invention disclosures were filed within approximately the five weeks subsequent to filing of this application;
- That all dates removed from Exhibit A are prior to the August 28, 2000; and
- That I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Signed:

By. Harold Fujii, Esq.

Vice President and Chief IP Counsel

Sony Electronics Inc.

Please Send Correspondence to:

Miller Patent Services 2500 Dockery Lane Raleigh, NC 27606

Phone: (919) 816-9981 Fax: (919) 816-9982

Customer Number 24337



RECEIVED



So	ony Confidential INVENTION DISCLOSURE KOREGER Sony Confidential
Note:	Detailed instructions for completing this form can be found in Appendix V of Sony's Patent Guide for Engineers and Inventors.
I.	IPD Case #: 50 P 41 4
	12. Short Descriptive Title of the Invention: A FAMICY CHANNER
	1b. Short Summary of the Invention: A WAN of STB'S houring a common leased our Channel for providing a vintual pressure. Lists each members daily activitie.
2.	Name of Responsible Patent Coordinator (if any): Business Address:
	Business Phone/Fax: Business Email Address:
3.	Identify all persons who contributed to the present invention including persons from other Sony Divisions, Sony Japan and Outside Companies. Final determination of inventorship is a legal question which will be resolved at a later time.
(1)	Full Legal Name: FREDERICK J. ZUSTAK
	Home Address: 15594 PIPAPIAN ROAD Otizenshin: 146 (If Japanese, please provide name in Kanji)
	Business Address (include mail drop): 16450 UK=TRERMALDO DL. HZ 7/90 Business Phone/Fax: 958-942-7/17 1858-942-7/20
	Business Email Address: FRO. ZUSTAKEAH. SONY. COM Division / Company / Location: /PD ISEZ I SAN DIOSO
	Budget code: El Sony Employee
	Manager's Name: #AROLD FULL Business Address: SAN JOSO
	Business Phone/Fax: 908-995-4998 / Business Email Address:

NOTIFIED PATEMPHENS IN SENT MANY THE RECK NOTHER WAS A SENT WAS THE WA





1 of ____

ony Confidential INVENTIC	ON DISCLOSURE FORM	Sony Confidential
Detailed instructions for completing this form can be found in A	ppendix V of Sony's Patent Guide for Engineers and Inventurs.	
IDENTIFICATION	IPD C	Case #:
		(IPD use only)
1a. Short Descriptive Title of the Invest	ntion:	•
1b. Short Summary of the Invention:		
Business Email Address: ana reyes	-2793 — (858) 945-5502 / (858) 942-4060 — @am.sony.com / peter.shintani@am.sony.c	om
Identify all persons who contributed to Japan and Outside Companies. Final de- later time.	the present invention including persons from termination of inventorship is a legal question	n other Sony Divisions, Sony on which will be resolved at :
		•
Full Legal Name:	Matthew S. Chang	
Home Address:	9282 Adolphia St., San Diego, CA 92	129-3580
Citizenship:	USA (If Japanese, please provide nar	
Business Address (include mail drop)		
Business Phone/Fax:	(858) 942-4156 / (858) 942-9200	
Business Email Address:	matthew.chang@am.sony.com	
Division / Company / Location:	VEA / SEL / Sony Technology Center	
Budget code:	5215 7805009	
Sony Employee	Contractor/Consultant C Temp.	Other:
Manager's Name:	Ian Matthews	
Business Address:	16530 Via Esprillo, MZ 7260, San D	iego, CA 92127
Business Phone/Fax:	(858) 942-4665 / (858) 942-9200	
Business Email Address:	ian matthews@am sony.com	

(2)

Full Legal Name:	Aditya Krishnan
Home Address:	10641 Paseo Allegra Ave., San Diego, CA 92127
Citizenship:	USA (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7190, San Diego, CA 92127
Business Phone/Fax:	(858) 942-3055 / (858) 942-7120
Business Email Address:	aditya.krishnan@am.sony.com
Division / Company / Location:	Intellectual Property Dept. / SEL / STC
Budget Code:	100-720-2720
Sony Employee	□ Contractor/Consultant □ Temp. □ Other:
Manager's Name:	Fred Zustak
Business Address:	16530 Via Esprillo, MZ 7190, San Diego, CA 92127
Business Phone/Fax:	(858) 942-7117 / (858) 942-7120
Business Email Address:	fred.zustak@am.sony.com

(3)

Full Legal Name:	Andrew M. Proehl
Home Address:	3650 Fillmore St., #102, San Francisco, CA 94123
Citizenship:	USA (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	Sony Design Center, 2 Bryant St., MD159, San Francisco, CA 94105
Business Phone/Fax:	(415) 357-6129 / (415) 357-6148
Business Email Address:	andy.proehl@am.sony.com
Division / Company / Location:	Design Center / SEL / San Francisco
Budget Code:	100 770-2806
Sony Employee	□ Contractor/Consultant □ Temp. □ Other:
Manager's Name:	Mic Tsuchiya
Business Address:	SEL, Design Center, Park Ridge, NJ
Business Phone/Fax:	(201) 930-7697 / (201) 930-7638
Business Email Address:	mic.tsuchiya@am.sony.com

(4)

Full Legal Name:	David K. L. Yang
Home Address:	1340 Redwood Lake Ct., San Jose, CA 95131
Citizenship:	USA (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7340, San Diego, CA 92127
Business Phone/Fax:	(858) 942-5157 / (858) 942-9207
Business Email Address:	david.yang@am.sony.com
Division / Company / Location:	NEA / SEL / STC
Budget Code:	5180-7805004
Sony Employee	☐ Contractor/Consultant ☐ Temp. ☐ Other:
Manager's Name:	Nick Colsey
Business Address:	16530 Via Esprillo, MZ 7340, San Diego, CA 92127
Business Phone/Fax:	(858) 942-2753 / (858) 942-9207
Business Email Address:	nick.colsey@am.sony.com

		_	
4	ĸ	┖	٦
	١.		п

Full Legal Name:	Frederick J. Zustak
Home Address:	15594 Riparian Rd., Poway, CA 92064
Citizenship:	USA (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7190, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-7117 / (858) 942-7120
Business Email Address:	fred.zustak@am.sony.com
Division / Company / Location:	Intellectual Property Dept. / SEL / STC
Budget Code:	100-720-2720
Sony Employee	□ Contractor/Consultant □ Temp. □ Other:
Manager's Name:	Harold T. Fujii
Business Address:	3300 Zanker Rd., MD SJ1C5, San Jose, CA 95134-1901
Business Phone/Fax:	(408) 955-4998 / (408) 955-5490
Business Email Address:	harold.fujii@am.sony.com

(6) .

Full Legal Name:	Peter Rae Shintani
Home Address:	15616 Bernardo Center Dr., San Diego, CA 92127
Citizenship:	Canada (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7250, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-4060 / (858) 942-5502
Business Email Address:	peter.shintani@am.sony.com
Division / Company / Location:	VEA / SEL / Sony Technology Center
Budget Code:	5215 7805009
Sony Employee	□ Contractor/Consultant □ Temp. □ Other:
Manager's Name:	Ian Matthews
Business Address:	16530 Via Esprillo, MZ 7250, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-4665 / (858) 942-9200
Business Email Address:	ian.matthews@am.sony.com

(7)

Full Legal Name:	Mark Kenneth Eyer
Home Address:	10525 Canyon Lake Dr., San Diego, CA 92131
Citizenship:	USA (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7340, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-7130 / (858) 942-9000
Business Email Address:	mark.eyer@am.sony.com
Division / Company / Location:	NEA / SEL / STC
Budget Code:	
Sony Employee	□ Contractor/Consultant □ Temp. □ Other:
Manager's Name:	Henry Derovanessian
Business Address:	16530 Via Esprillo, MZ 7145, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-2790 / (858) 942-9000
Business Email Address:	henry.derovanessian@am.sony.com

4 of ____

		_	
1	ľ	Я	١

Full Legal Name:	Nicholas Colsey
Home Address:	2534 Via Pisa, Del Mar, CA 92014
Citizenship:	UK (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7340, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-2858 / (858) 942-9207
Business Email Address:	nick.colsey@am.sony.com
Division / Company / Location:	NEA / SEL / STC
Budget Code:	
Sony Employee	☐ Contractor/Consultant ☐ Temp. ☐ Other:
Manager's Name:	
Business Address:	
Business Phone/Fax:	
Business Email Address:	

(9)

Full Legal Name:	Brant L. Candelore
Home Address:	10124 Quail Glen Way, Escondido, CA 92029-6502
Citizenship:	USA (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7300, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-5776 / (858) 942-9207
Business Email Address:	brant.candelore@am.sony.com
Division / Company / Location:	NEA / SEL / STC
Budget Code:	
Sony Employee	☐ Contractor/Consultant ☐ Temp. ☐ Other:
Manager's Name:	Henry Derovanessian
Business Address:	16530 Via Esprillo, MZ 7145, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-2790 / (858) 942-9000
Business Email Address:	henry.derovanessian@am.sony.com

(10)

Full Legal Name:	Dayan Ivy Golden
Home Address:	6122 Mesita Dr., San Diego, CA 92115
Citizenship:	USA (If Japanese, please provide name in Kanji)
Business Address (include mail drop):	16530 Via Esprillo, MZ 7335, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-4003 / (858) 942-9207
Business Email Address:	dayan.golden@am.sony.com
Division / Company / Location:	NEA / SEL / STC
Budget Code:	5180 1075024
Sony Employee	☐ Contractor/Consultant ☐ Temp. ☐ Other:
Manager's Name:	Yosuke Yasebe
Business Address:	16530 Via Esprillo, MZ 7335, San Diego, CA 92127-1804
Business Phone/Fax:	(858) 942-2543 / (858) 942-9207
Business Email Address:	yosuke.yasebe@am.sony.com

(Use Additional Inventors sheet if necessary)

		3 of	• • •
I.	BACKGROUND INFORMATION		
	Do you believe this invention was developed while working under or in the performated developmental or research work called for by a Government Contract or upon the Government Contract would be awarded? NO D YES	nce of experiment understanding tha	ital, 1 a
	Has your invention been disclosed to anyone outside of Sony in a speech, exhibit, presental manual, report, lecture, trade show, technical article, publication or otherwise? NO D YES	tion, product, prod	duct
3.	Is this invention related to any previous Sony Invention Disclosures of which you are as someone else)? □ NO □ YES	ware (made by yo	u or
4.	If you responded "YES" to any of questions 1-3, please explain below:		
5.	Name of product(s) or project(s) for which this invention was developed:		
6.	When do you expect a product incorporating this invention to be sold, offered for sale or shown outside of Sony? (If a product or prototype has already been sold, offered for sale or shown earliest date this happened.):	own to someone , please identify th	ie.
7.	Has a working model of the invention been built and tested (or appropriate software been with NO UYES: If yes, who has witnessed a demonstration, and when?	rritten)?	
8	List below any patents, publications, articles, texts, products, etc. which describe tech invention including reference material which may be useful in understanding the background invention: (Include a copy of each item to IPD. Please include copies of all bibliographical	ound technology of	o your of your

6	of	

III. DESCRIPTION OF THE INVENTION

Provide a concise technical description of your invention in the format outlined below on the following pages.

- 1: Explain the problems, issues or needs which led to the invention, and explain how others have addressed these problems, issues or needs.
- 2: Describe your invention in terms of how it solves the problems described in paragraph 1. Specifically identify the new or novel features of your invention. Describe the construction and operation of the invention including drawings (flow charts, schematics, block diagrams, mechanical drawings, photographs, etc.) You may attach documentation in the form of letters, memos, engineering notebook pages, etc. if available, or you may use as many invention disclosure data sheets as necessary. Be sure each page is signed, dated and witnessed.

3: If there is more than one way to implement your invention, describe the "Best Mode" or your personal preference as to how to best implement, build, produce, or use your invention (e.g. preferred parts, materials, techniques, etc. which you feel are best in practicing your invention). Each submitter's opinion is important here, even if there is disagreement. Please list anything you think will make the invention better in any way.

4: Briefly describe any alternate uses, variations or modifications of your invention, if any, which you contemplate.

Signature of Submitter(s)	pad and understood by: Signatures of Witnesses (at least two witnesses preferred)
Layan Solden Date	Zatato Date
Date	Date
11/13 Shuntam Date	Date
Mich H Ene Date	Date
Grand Condolog Date	Date
- Law Sulate Date	Cety/hh Date
City M Date	Date
Date Date	Date
Date	Date
Date	Date

4: Briefly describe any alternate uses, variations or modifications of your invention, if any, which you contemplate.

Signature of Submitter(s)		Read and understood by: Signatures of Witnesses (at least two witnesses preferred)	
Ge Mr. Pom	Date	Date	
·	Date	 Date	
	Date	Date	
	Date	Date	
	Date	Date	
	Date	 Date	
	Date	Date	

leased/owned channelf for providing a virtual presence into each others day to day actuation. The system of the present in curtion includes a plusality of STRS each having at least one video and for audio input to capture the STB owners activities. Cach STR is in bidirectional communication with an MOS/ able service provider. The call service provide ale arbitrates video é audio data between the number of the family channels in accordance with predigined set of operating farameters. for one embodement, the Mos permits member & post parchire violers, individua calenders, and the like on another embodiment, real time video can be streamed to permit a vertual presence gomesulers a local member event (e.g. sweedding, Boday party, buth, fund, vacation, etc.).



Name: TRACarla Krueger

Organization:

SONY IPD

Fax:

201-930-6854

From:

MILLER PATENT SERVICES, INC.

Date:

AUGUST 31, 2000

Subject:

RECEIPT OF INVENTION DISCLOSURES

Pages:

1

Comments:

Dear Carla,

We have receive the following invention disclosures for preparing and filing patent applications.

Our reference numbers are listed below.		
MAINS	MPS# SNY-P4143	
50P4144	SNY-P4144	
50P4145	SNY-P4145	
50P4146	SNY-P4146	
50P4147	SNY-P4147	
50P4148	SNY-P4148	
50P4149	SNY-P4149	
50P4150	SNY-P4150	
.50P4151	SNY-P4151	
50P4152	SNY-P4152	
50P4153	SNY-P4153	
50P4154	SNY-P4154	
50P4162	SNY-P4162	
50P4163	SNY-P4163	
50P4164	SNY-P4164	
50P4165	SNY-P4165	

As per instruction from Fred Zustak, Esq., Managing Attorney, we will make every effort to file these applications within 6 months from receipt.

SNY-P4166

SNY-P4169

Sincerely,

50P4166

50P4169

Catherine Miller

Manager, Miller Patent Services, Inc.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s) : Fred Zustak, et al.

Filed : 1/31/2001 Serial No. : 09/774,458

Confirmation No. : 3440
Group Art Unit : 2614
Examiner : Beliveau
Docket Number : SNY-P4143

Title : Subscriber Class Television Channel With Class Member Programming

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION UNDER RULE 1.131

I, as a named inventor of the above patent application, do hereby declare and state as follows:

- That I believe that I am a true inventor of the invention claimed in the above-referenced patent application;
- That prior to August 28, 2000, I along with my co-inventors listed below conceived of the invention described in the above patent application;
- That prior to August 28, 2000, this invention conception was promptly and diligently documented in an invention disclosure that was submitted to Sony Electronics Inc.'s Intellectual Property Department;
- That this invention disclosure is identified by the Intellectual Property Department as disclosure 50P4143;
- That the invention disclosure form that I and my co-inventors used to document this conception is attached as Exhibit A to the Declaration of Harold Fujii, Esq., which he executed on April 29, 2005;
- That the invention disclosure form was signed by me and my co-inventors and received by the Intellectual property department prior to August 28, 2000 as evidenced by the "Received" stamp of Carla Krueger;
- That to the best of my knowledge and belief, the application was processed by the Intellectual Property Department as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That to the best of my knowledge and belief, the circumstances surrounding the preparation and filing of the patent application on January 31, 2001 by Miller Patent Services, Inc. is as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That all of the dates removed from Exhibit A to the declaration of Harold Fujii, Esq. are prior to the August 28, 2000; and



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Signed: Areal Sustra	Dated: June 16, 2005
By: Free J. Zustak	U
Signed:	Dated: 161005
By: Matthew/S. Charg	- ·
Signed: By: Aditya Krishnan	Dated:
Signed:	Dated:
By: Andrew M. Proehl	
Signed: By: David K. L. Yang	Dated:
Signed: My Shundan By: Pefer Rae Shintani	Dated:
	Dated: 6/23/05
Signed: Mark Kenneth Eyer	
Signed: ilm	Dated: 6/16/05
By: Nicholas Colsey	cluls
Signed: Mattack Olove By: Brant L. Candelore	Dated: 6 6/05
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_Dated: 6/28/05
By: Dayon Ivey Golden	-Dated: <u>4 100 100</u>
Dy. Daygii i voy Ookooti	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s) : Fred Zustak, et al.

Filed : 1/31/2001 Serial No. : 09/774,458

Confirmation No. : 3440
Group Art Unit : 2614
Examiner : Beliveau
Docket Number : SNY-P4143

Title : Subscriber Class Television Channel With Class Member Programming

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION UNDER RULE 1.131

I, as a named inventor of the above patent application, do hereby declare and state as follows:

- That I believe that I am a true inventor of the invention claimed in the above-referenced patent application;
- That prior to August 28, 2000, I along with my co-inventors listed below conceived of the invention described in the above patent application;
- That prior to August 28, 2000, this invention conception was promptly and diligently documented in an invention disclosure that was submitted to Sony Electronics Inc.'s Intellectual Property Department;
- That this invention disclosure is identified by the Intellectual Property Department as disclosure 50P4143;
- That the invention disclosure form that I and my co-inventors used to document this conception is attached as Exhibit A to the Declaration of Harold Fujii, Esq., which he executed on April 29, 2005;
- That the invention disclosure form was signed by me and my co-inventors and received by the Intellectual property department prior to August 28, 2000 as evidenced by the "Received" stamp of Carla Krueger;
- That to the best of my knowledge and belief, the application was processed by the Intellectual Property Department as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That to the best of my knowledge and belief, the circumstances surrounding the preparation and filing of the patent application on January 31, 2001 by Miller Patent Services, Inc. is as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That all of the dates removed from Exhibit A to the declaration of Harold Fujii, Esq. are prior to the August 28, 2000; and

• I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Signed: _		Dated:
Ву:	Fred J. Zustak	
Signed: _		Dated:
By:	Matthew S. Chang	
Signed: _		Dated:
By:		1 1
Signed _	h M. Ohm	Dated: 6/15/2005
By:	Andrew M. Proehl	• •
		Dated:
By:	David K. L. Yang	
		Dated:
By:	Peter Rae Shintani	
Signed: _		Dated:
By:	Mark Kenneth Eyer	
Signed: _		Dated:
By:	Nicholas Colsey	
Signed: _		Dated:
By:	Brant L. Candelore	
Signed: _		Dated:
Bv.	Davan Ivey Golden	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Inventor(s) : Fred Zustak, et al.

Filed : 1/31/2001 Serial No. : 09/774,458 Confirmation No. : 3440

Group Art Unit : 2614
Examiner : Beliveau
Docket Number : SNY-P4143

Title : Subscriber Class Television Channel With Class Member Programming

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION UNDER RULE 1.131

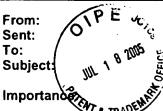
I, as a named inventor of the above patent application, do hereby declare and state as follows:

- That I believe that I am a true inventor of the invention claimed in the above-referenced patent application;
- That prior to August 28, 2000, I along with my co-inventors listed below conceived of the invention described in the above patent application;
- That prior to August 28, 2000, this invention conception was promptly and diligently documented in an invention disclosure that was submitted to Sony Electronics Inc.'s Intellectual Property Department;
- That this invention disclosure is identified by the Intellectual Property Department as disclosure 50P4143;
- That the invention disclosure form that I and my co-inventors used to document this conception is attached as Exhibit A to the Declaration of Harold Fujii, Esq., which he executed on April 29, 2005;
- That the invention disclosure form was signed by me and my co-inventors and received by the Intellectual property department prior to August 28, 2000 as evidenced by the "Received" stamp of Carla Krueger;
- That to the best of my knowledge and belief, the application was processed by the Intellectual Property Department as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That to the best of my knowledge and belief, the circumstances surrounding the preparation and filing of the patent application on January 31, 2001 by Miller Patent Services, Inc. is as explained in the declaration of Harold Fujii, Esq. which he signed on April 29, 2005;
- That all of the dates removed from Exhibit A to the declaration of Harold Fujii, Esq. are prior to the August 28, 2000; and

• I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Signed: _		Dated:		
By:	Fred J. Zustak			
C:1		Date		
Signed:		Dated:		
By:	Matthew S. Chang			
Signed: _ By:	Adi ya Krishnan	Dated: 6/20/05		
, and the second	•			
Signed:		Dated:		
	Andrew M. Proehl	-		
_ •				
Signed:		Dated:		
	David K. L. Yang	Dated.		
Бy.	David K. E. Talig			
Cianad.		Data d.		
	D . D . Ol	Dated:		
ву:	Peter Rae Shintani			
		Dated:		
Ву:	Mark Kenneth Eyer			
Signed: _		Dated:		
By:	Nicholas Colsey			
			·	
Signed:		Dated:		
	Brant L. Candelore	_		
— , -	•			
Signed:		Dated:		
	Davan Ivey Golden			

Gee, Deborah (LAW)



Gee, Deborah (LAW)

Wednesday, June 29, 2005 9:32 AM

Gallucci-Buerkle, Cindy

RE: Last known address

High

Thank you so much for this assistance. Debbie

----Original Message-----

Gallucci-Buerkle, Cindy

Sent:

Wednesday, June 29, 2005 9:23 AM

To:

Gee, Deborah (LAW)

Subject:

RE: Last known address

Hi Debbie,

I have a David K. Yang who use to work for Sony. I do not have any middle initials. His home address is:

Home Address:

11998 Stoney Peak Dr

Apt. #834

San Diego, CA 92128

Mailing Address:

P.O. Box 270786

San Diego, California 92198

Cyndi

----Original Message----

From: Gee, Deborah (LAW)

Wednesday, June 29, 2005 11:13 AM Sent:

To: Gallucci-Buerkle, Cindy

Subject: Last known address Importance:

Hello Cindy,

Hope all is well with you and yours and they're not working you tooooo hard!

We're looking to find a last known address for an inventor who is no longer with Sony. His name is: David K. L.

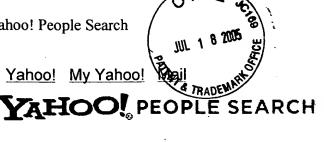
Any assistance you could render, would be greatly appreciated by our office.

Debbie Jul Restorah Gee

Sony Corporation of America
Patent Secretary
Intellectual Property Department
16450 West Bernardo Drive, MZ 7190

San Diego, CA 92127

∠ ∠Email: deborah.gee@am.sony.com



People Search Ho

Create / Edit My Listing - F

Your People Search:

first David

last Yang

city San Diego

state California

Search the Web

Yahoo!:

SPONSOR RESULTS BY INTELIUS (What's this?)

 David Yang - More Information Available. Address History, Criminal C Law Suits, Judgments, Bankruptcy, Liens, Property Value, Asset Search, Aliases, Roommates and Relatives, Marriage Records and More. www.intelius.com

Sign Up

Detailed Information

Your Search: David Yang (New Search)

David Yang

3950 Mahaila Ave San Diego, CA 92122-5742 (map)

Tel.: (858) 457-7655 (call this number)

My Heaven

Tools: Add to my Yahoo! Address Book - vCard

SPONSOR RESULTS BY INTELIUS (What's This)

 More Information Found in Public Records for David Yang Curr Unlisted Number and Address, Address History, Criminal Check, Law Suits, Judgme Bankruptcy, Liens, Property Value, Asset Search, Aliases, Roommates and Relative Marriage Records and More.

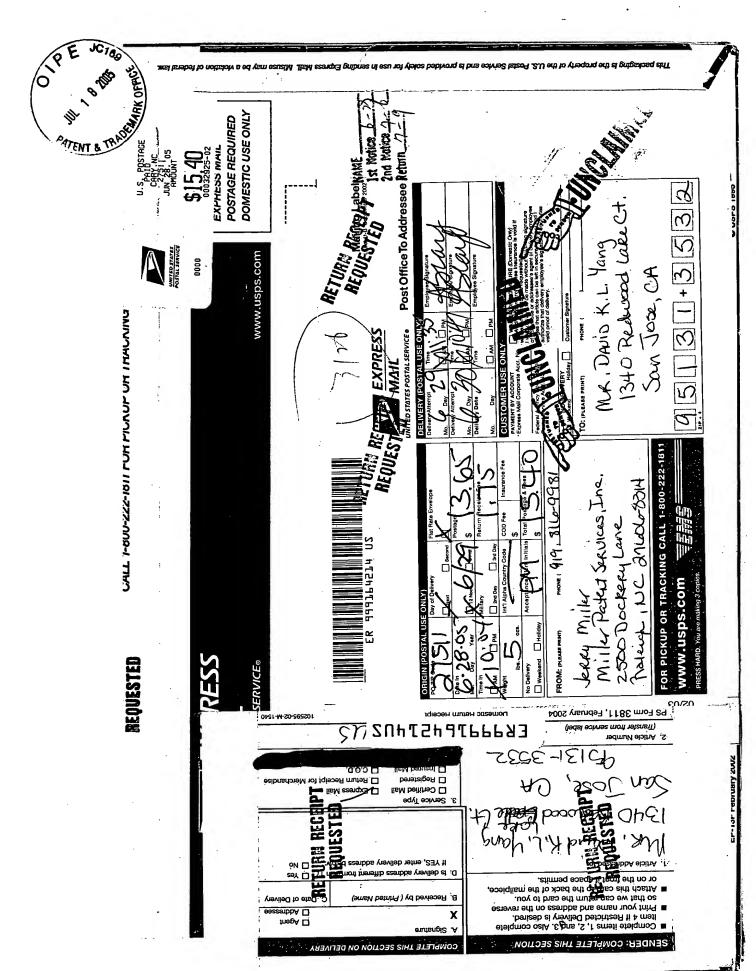
www.intelius.com

Search the Web: David Yang, San Diego, California

Yahoo! Search

Advanced We

Copyright © 2005 Yahoo! Inc. All rights reserved. Privacy Policy - Terms of Service - Copyright/IP Policy



And the state of t

· ISE ONLY TE REQUIRED **VPRESS MAIL** Post Office To Addressee RETURM REGEIPT DELIVERY (POSTAL USE ONLY Mrs. David \{\{\bar{2}}{2} 8661 OR PICKUP OR TRACKING CALL 1-800-222-1811 RETURN RECEIPT ent Sevices. Dockery eren Mulex Seed COMPLETE THIS SECTION ON DELIVERY SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete ☐ Agent ☐ Addressee item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, Selivery address

Mrs., enter delivery

Selivery

Selive or on the front if space permits. ☐ Yes very address different from item 1? Mr. David K.L. Yang 11998 Stoney Peak De. #831 ☐ No REQUESITED Express Mail
Return Receipt for Merchandise San Diego CA 2. Article Number CR999164228US (Transfer from service label)

PS Form 3811, February 2004

CALL 1-800-222-1871 FOR PICKUP OR TRACKING OF ALL YOUR PACKAGES

MEQUESTED



izi padading is dhe property of the U.S. Postal Service and is provided solely for use in loss garaged pall sulface may be a violation of lederal isn

